



SEQUENCE LISTING

<110> Luo, Ying
Xu, Xiang

<120> Novel Traf4 Associated Cell Cycle Proteins,
Compositions and Methods of Use

<130> A68294/DJB/RMS/DAV

<140> 09/404,010

<141> 1999-09-23

<160> 9

<170> PatentIn Ver. 2.1

<210> 1

<211> 2644

<212> DNA

<213> Homo sapiens

<400> 1

cccgagacta aggcgcccga acccgcgggcg gcgggtgggga cgatgtgggt ttttgcccgg 60
gacccgggtcc gggactttcc gttcgagctc atcccgagac cccagaggg cggcctgccc 120
gggcccctggg ccctgcaccg cggccgcaag aaggccacag gcagccccgt gtccatcttc 180
gtctatgatg tgaagcctgg cgcggaarga gcagaccag gtggccaaag ctgccttcaa 240
gcrcttcaa aactctacgg caccccaaca tcrctggctt acatcgatgg actggagaca 300
gaaaaatgcc tccacgtcgt gacagaggct gtgaccccg tgggaatata cctcaaggcg 360
agagtggagg ctggtggcct gaaggagctg gagatctcct gggggctaca ccagatcgtg 420
aaagccctca gcttcctggt caacgactgc agcctcatcc acaacaatgt ctgcatggcc 480
gcggtgttcg tggaccgagc tggcgagtgg aagcttgggg gcctggacta catgtattcg 540
gcccagggca acggtggggg acctcccgcc aaggggatcc ccgagcttga gcagtatgac 600
cccccgaggt tggctgacag cagtggcaga gtggtcagag agaagtggtc agcagacatg 660
tggcgcttgg gctgcctcat ttgggaagtc ttcaatgggc ccctacctcg ggcagcagcc 720
ctacgcaacc ctgggaagat ccccaaaacg ctggcgcccc attactgtga gctggtggga 780
gcaaacccca aggtgcgtcc caaccagcc cgcttctcgc agaactgccg ggcacctggt 840
ggcttcatga gcaaccgctt tgtagaaacc aacctcttcc tggaggagat tcagatcaaa 900
gagccagccg agaagcaaaa attcttccag gagctgagca agagcctgga cgcattccct 960
gaggatttct gtcggcaciaa gctgctgcc cagctgctga ccgccttcga gttcggcaat 1020
gctggggccg ttgtctcac gccctcttc aaggtgggca agttctgag cgctgaggag 1080
tatcagcaga agatcatccc tgtggtggtc aagatgttct catccactga ccgggccatg 1140
cgcatccgcc tctgcagca gatggagcag ttcatccagt accttgacga gccaacagtc 1200
aacaccacga tcttccccca cgtcgtacat ggcttctcgg acaccaaccc tgccatccgg 1260
gagcagacgg tcaagtccat gctgctcctg gccccaaagc tgaacgaggc caacctcaat 1320
gtggagctga tgaagcactt tgcacggcta caggccaagg atgaacaggg ccccatccgc 1380
tgcaacacca cagtctgcct gggcaaaatc ggctctacc tcagtgctag caccagacac 1440
agggctctta cctctgcctt cagccgagcc actagggacc cgtttgcacc gtcccggggt 1500

gcggtgtcc tgggttttg tgccaccac aacctctact caatgaacga ctgtgccag 1560
aagatcctgc ctgtgctctg cggctctact gtagatcctg agaaatccgt gcgagaccag 1620
gccttcaagg catttcggag ctctctgtcc aaattggagt ctgtgtcgga ggaccgcacc 1680
cagctggagg aagtggagaa ggatgtccat gcagcctcca gccctggcat gggaggagcc 1740
gcagctagct gggcaggctg ggcctgacc ggggtctcct cactcacctc caagctgac 1800
cgttcgcacc caaccactgc cccaacagaa accaaccattc cccaaagacc cagcctgaa 1860
ggagtctctg cccagcccc caccctgtt cctgccacc ctacaacctc aggcactgg 1920
gagacgcagg aggaggacaa ggacacagca gaggacagca gactgctga cagatgggac 1980
gacgaagact ggggcagcct ggagcaggag gccgagtctg tgctggcca gcaggacgac 2040
tgagcaccg ggggccaagt gagcctgtct agtcagggtca gcaactccga ccacaaatcc 2100
tccaaatccc cagagtccga ctggagcagc tgggaagctg agggctcctg ggaacagggc 2160
tggcaggagc caagctccca ggagccacct tctgacggta cacggctggc cagcgagtat 2220
aactggggtg gccagagtc cagcgacaag ggcgaccctc tcgctacctc gtctgcacgt 2280
cccagcacc agccgaggcc agactcttg ggtgaggaca actgggaggg cctcgagact 2340
gacagtcgac aggtcaaggc tgagctggcc cggaagaagc gcgaggagcg gggcgaggag 2400
atggaggcca aacgcgccga gaggaaggtg gccaaaggcc ccatgaagct gggagcccgg 2460
aagctggact gaaccgtggc ggtggccctt cccggctgag gagagccgc cccacagatg 2520
tatttattgt acaaacatg tgagccggc cggccagcc aggccatctc acgtgtacat 2580
aatcagagcc acaataaatt ctatttcaca aaaaaaaaaa aaaaaaaaaa aaaaaaacct 2640
cgag 2644

<210> 2
<211> 832
<212> RNA
<213> Homo sapiens

<400> 2
NSGNNAEEAP GAKAPEPAAA VGTWFFARD PVRDFPFELI PEPPEGGLPG PWALHRGRKK 60
ATGSPVSIFV YDVKPGAEQ TQVAKAAFKR FKTLRHPNIL AYIDGLETEK CLHVVTEAVT 120
PLGIYLKARV EAGGLKELEI SWGLHQIVKA LSFLVND CSL IHNNVCMMAV FVDRAGEWKL 180
GGLDYMYSAQ GNGGGPPRKG IPELEQYDPP ELADSSGRV REKWSADMWR LGCLIWEVFN 240
GPLPRAAALR NPGKIPKTLA PHYCELVGAN PKVRENPARF LQNCRAPGGF MSNRFVETNL 300
FLEEIQIKEP AEKQKFFQEL SKSLDAFPED FCRHKLLPQL LTAFEFGNAG AVVLTPLFKV 360
GKFLSAEEYQ QKIIPVVVKM FSSTDRAMRI RLLQOMEQFI QYLDEPTVNT QIFPHVVHGF 420
LDTNPAIREQ TVKSMLLLAP KLNEANLNVE LMKHFARLQA KDEQGPIRCN TTVCLGKIGS 480
YLSASTRHRV LTSAFSRATR DPFAPSRVAG VLGFAATHNL YSMNDCAQKI LPVLCGLTVD 540
PEKSVRDQAF KAFRSFLSKL ESVSEDPTQL EEVEKDVHAA SSPGMGGAAS SWAGWAVTGV 600
SSLTSKLIRS HPTTAPTETN IPQRPTPEGV PAPAPTPVRA TPTTSGHWET QEEDKDTAED 660
SSTADRWDE DWGSLEQAE SVLAQDDWS TGGQVSRASQ VSNSDHKSSK SPESDWSSWE 720
AEGSWEQGWQ EPSSQEPPSD GTRLASEYNW GGPESSDKGD PFATLSARPS TQPRPDSWGE 780
DNWEGLETDS RQVKAELARK KREERRREME AKRAERKVAK GPMKLGARKL DZ 832

<210> 3
<211> 9
<212> PRT
<213> Mouse

<400> 3

Arg Thr Val Leu Gly Val Ile Gly Asp

1

5

<210> 4

<211> 9

<212> PRT

<213> Mouse

<400> 4

Arg Thr Ala Leu Gly Asp Ile Gly Asn

1

5

<210> 5

<211> 27

<212> PRT

<213> Rat

<400> 5

Tyr Met Thr Val Ser Ile Ile Asp Arg Phe Met Gln Asp Ser Cys Val

1

5

10

15

Pro Lys Lys Met Leu Gln Leu Val Gly Val Thr

20

25

<210> 6

<211> 28

<212> PRT

<213> Mouse

<400> 6

Lys Phe Arg Leu Leu Gln Glu Thr Met Tyr Met Thr Val Ser Ile Ile

1

5

10

15

Asp Arg Phe Met Gln Asn Ser Cys Val Pro Lys Lys

20

25

<210> 7

<211> 27

<212> PRT

<213> Mouse

<400> 7

Arg Ala Ile Leu Ile Asp Trp Leu Ile Gln Val Gln Met Lys Phe Arg
1 5 10 15

Leu Leu Gln Glu Thr Met Tyr Met Thr Val Ser
20 25

<210> 8
<211> 27
<212> PRT
<213> Mouse

<400> 8
Asp Arg Phe Leu Gln Ala Gln Leu Val Cys Arg Lys Lys Leu Gln Val
1 5 10 15

Val Gly Ile Thr Ala Leu Leu Leu Ala Ser Lys
20 25

<210> 9
<211> 18
<212> PRT
<213> Mouse

<400> 9
Met Ser Val Leu Arg Gly Lys Leu Gln Leu Val Gly Thr Ala Ala Met
1 5 10 15

Leu Leu

Sub
B1